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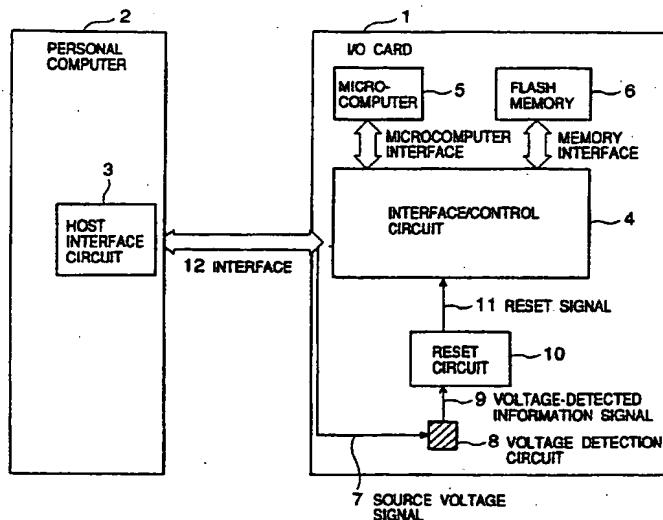
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## (54) Internal state determining apparatus

(57) An internal state determining apparatus according to the present invention includes at least one inner circuit, means for detecting a change in voltage supplied from an external device and outputting a detected signal in response to the change in voltage and internal state determining means for determining the inner circuit so as to fall into a predetermined state in response to the detected signal, as components that

make up the internal state determining apparatus. Owing to the internal state determining apparatus having such a construction, when an IC card is activated in response to two types of different voltages, for example, an internal state of the IC card can be reliably determined without burdening a host computer.

FIG.1





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## EUROPEAN SEARCH REPORT

Application Number

EP 95 11 6975

DOCUMENTS CONSIDERED TO BE RELEVANT									
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)						
X	US 5 301 161 A (LANDGRAF ET AL) 5 April 1994	1	G06F13/40 G06F1/24 G06F1/26						
A	* column 2, line 15 - column 3, line 41 * * column 4, line 8 - column 9, line 45; claims; figures 1,2 *	2-5							
X	EP 0 401 806 A (KABUSHIKI TOSHIBA) 12 December 1990	4							
A	* column 3, line 13 - column 4, line 31 * * column 4, line 56 - column 6, line 44 * * claims; figures *	1-3,5							
A	"General purpose personal computer memory card international association interface ASIC for PC-Card" IBM TECHNICAL DISCLOSURE BULLETIN., vol. 37, no. 09, September 1994, NEW YORK US, pages 515-517, XP000473490 * the whole document *	1-5							
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TECHNICAL FIELDS SEARCHED (Int.Cl.6)									
G06F									
<p>The present search report has been drawn up for all claims</p> <hr/> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Place of search</td> <td style="width: 33%;">Date of completion of the search</td> <td style="width: 34%;">Examiner</td> </tr> <tr> <td>THE HAGUE</td> <td>24 June 1998</td> <td>Soler, J</td> </tr> </table> <hr/> <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone  Y : particularly relevant if combined with another document of the same category  A : technological background  O : non-written disclosure  P : intermediate document</p> <p>T : theory or principle underlying the invention  E : earlier patent document, but published on, or after the filing date  D : document cited in the application  L : document cited for other reasons  &amp; : member of the same patent family, corresponding document</p>				Place of search	Date of completion of the search	Examiner	THE HAGUE	24 June 1998	Soler, J
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